



## Legacy Platform Test Results

This chapter contains scalability and performance data for older Cisco products. The testing has been performed under the same conditions as outlined in the design guide.

### Cisco Headend VPN Routers (Legacy)

**Table B-1** Cisco Headend Router Platform Throughput with p2p GRE over IPsec (no ACL, PAT, IOS-FW, IPS, or QoS)

| Router Platform            | Hardware Acceleration | # of Tunnels Active | Throughput Kpps | Throughput Mbps | CPU % Utilization |
|----------------------------|-----------------------|---------------------|-----------------|-----------------|-------------------|
| Cisco 7200VXR with NPE-400 | SA-VAM                | 240                 | 23.5            | 48.4            | 80%               |
| Cisco 7200VXR with NPE-300 | SA-VAM                | 240                 | 18.8            | 38.3            | 79%               |
| Cisco 3745                 | AIM-HPH               | 120                 | 8.7             | 18.1            | 78%               |

### Cisco Branch Office VPN Routers (Legacy)

**Table B-2** Cisco Branch Router Platform Throughput with p2p GRE over IPsec (1 Tunnel, IOS-FW, PAT, and ACLs but not QoS or IPS)

| Branch Router Platform | Hardware Acceleration Option | Throughput Kpps | Throughput Mbps | CPU % Utilization |
|------------------------|------------------------------|-----------------|-----------------|-------------------|
| Cisco 3745             | AIM-HPH                      | 13.4            | 28.7            | 82%               |
| Cisco 3725             | AIM-EPI                      | 6.8             | 15.5            | 81%               |
| Cisco 3660             | AIM-HPH                      | 4.8             | 10.9            | 80%               |
| Cisco 2691             | AIM-EPI                      | 5.1             | 11.4            | 81%               |
| Cisco 2651XM           | AIM-BPI                      | 1.3             | 3.0             | 85%               |
| Cisco 1760             | VPN-Module                   | 0.9             | 2.0             | 81%               |

**Table B-2 Cisco Branch Router Platform Throughput with p2p GRE over IPsec (1 Tunnel, IOS-FW, PAT, and ACLs but not QoS or IPS) (continued)**

|            |          |     |     |     |
|------------|----------|-----|-----|-----|
| Cisco 1711 | On-board | 0.8 | 2.0 | 81% |
| Cisco 831  | On-board | 0.4 | 1.0 | 74% |